



## Model C&D diversion ordinance

### ***inside***

<i>Model C&amp;D diversion ordinance</i>	<i>1</i>
<i>Team work</i>	<i>3</i>
<i>School district survey results</i>	<i>6</i>
<i>Office of Local Assistance staff county contacts</i>	<i>8</i>
<i>Waste Prevention Information Exchange</i>	<i>8</i>
<i>Zero Waste—You Make It Happen!</i>	<i>9</i>
<i>Editor's note</i>	<i>10</i>

The California Integrated Waste Management Board (CIWMB) adopted a model construction and demolition (C&D) diversion ordinance at its March 16, 2004, meeting as required in California Public Resource Code (PRC) section 42912 (see [www.leginfo.ca.gov/cgi-bin/displaycode?section=prc&group=42001-43000&file=42910-42912](http://www.leginfo.ca.gov/cgi-bin/displaycode?section=prc&group=42001-43000&file=42910-42912).) The model ordinance adopted by the CIWMB reflects comments received by interested parties during the 30-day public comment period for the draft model held in January 2004. The intent of this code section is to provide local jurisdictions with another tool to assist them in diverting C&D waste material by directing the CIWMB to take the following action:

"Adopt one or more model ordinances, suitable for modification by a local agency, that the local agency may adopt that will require a range of diversion rates of construction and demolition waste materials from 50 to 75 percent, as determined by the board, and as measured by weight."

Jurisdictions are not required to adopt a C&D ordinance, nor are they required to adopt the CIWMB's model ordinance as their own by default. However, Chapter 501, Statutes of 2002 (Kuehl, SB 1374) added a new set of circumstances (related to C&D waste diversion) to those previously included in PRC section 41850 ([www.leginfo.ca.gov/cgi-bin/waisgate?WAISdocID=56816214826+0+0+0&WAIAction=retrieve](http://www.leginfo.ca.gov/cgi-bin/waisgate?WAISdocID=56816214826+0+0+0&WAIAction=retrieve)). The CIWMB shall consider these circumstances when determining whether to impose a fine on a jurisdiction that has failed to implement its Source Reduction and Recycling Element (SRRE). For a definition of a SRRE, go to the CIWMB's Local Government Glossary web page at [www.ciwmb.ca.gov/LGCentral/Glossary.htm#sz](http://www.ciwmb.ca.gov/LGCentral/Glossary.htm#sz).

Specifically, if a jurisdiction has been issued a compliance order for failure to implement its SRRE and has failed to meet the requirements of that order, and has reported to the CIWMB that C&D waste is at least a moderately significant portion of its waste stream, then the CIWMB shall include in its consideration whether the jurisdiction has taken any action to divert that C&D waste. The action could be adopting its own C&D diversion ordinance,

***Continued on page 2***



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## ***Model C&D diversion ordinance, continued from page 1***

adopting the CIWMB's model ordinance, or implementing another program to encourage or require the diversion of C&D waste.

CIWMB staff developed the model ordinance based on feedback solicited from local government, building industry representatives, C&D recyclers, and waste management companies, and on C&D diversion ordinances already being implemented by jurisdictions. The most typically used sections in existing ordinances were incorporated into the model ordinance, making the model a composite of the ordinances reviewed. The model is quasi-modular in format so that jurisdictions may pick and choose which sections of the model they want to include in their own ordinance.

PRC section 42912 also requires the CIWMB to develop a report on the types of methods and programs that would help general contractors and local governments divert C&D waste. The CIWMB Construction and Demolition Debris Recycling web page ([www.ciwmb.ca.gov/ConDemo/](http://www.ciwmb.ca.gov/ConDemo/)) includes examples of C&D diversion ordinances currently being implemented around the state and useful information related to contractors and C&D waste diversion.

CIWMB staff is also developing a Local Government C&D Diversion Information web page for jurisdictions interested in diverting C&D waste. Information compiled

during development of the model ordinance will be included on the C&D information page, and staff intends to continually update the web page as new information becomes available.

This C&D information page will describe different programs a jurisdiction could implement to divert C&D waste, and it will provide guidance on developing and implementing a C&D diversion ordinance. The information page will also include useful links to other websites for additional C&D related information. In addition, the model ordinance will have direct links in each section back to the related section of this page. The model ordinance and C&D information page should be available on the CIWMB Local Government Central website ([www.ciwmb.ca.gov/LGCentral/](http://www.ciwmb.ca.gov/LGCentral/)) by **summer 2004**.

CIWMB staff will be conducting a public workshop on C&D diversion ordinances anticipated **July 2004** in Sacramento. A panel composed of local government and industry representatives with expertise in C&D diversion ordinances will be invited to share their insight and experiences. The workshop will also be broadcast over the web, so constituents around the state can participate.

If you have any questions about the model C&D diversion ordinance or the upcoming workshop, contact Terri Edwards with the CIWMB's Office of Local Assistance at (916) 341-6199 or [tedwards@ciwmb.ca.gov](mailto:tedwards@ciwmb.ca.gov).

## Team work— CIWMB works with State agencies to promote office waste reduction programs

The CIWMB's State and Local Assistance Branch (SLAB) is working with State agencies and large State facilities (State agencies) to reduce the amount of waste they generate and dispose by promoting office waste reduction. SLAB's office waste reduction assistance includes promotional materials, training, and assistance.

### Promotional materials

**Office waste reduction posters**—These colorful posters can help promote State agency/facility waste reduction programs, and they are free! A total of eight different types of posters are available to order. One of each poster or up to 100 of each poster can be ordered by State agencies. (An example of one poster is shown on this page.)

To view the other posters, go to [www.ciwmb.ca.gov/StateAgency/Recycling/Supplies/OrderPoster.htm](http://www.ciwmb.ca.gov/StateAgency/Recycling/Supplies/OrderPoster.htm) and select the name of the poster you wish to view. A picture of the poster will pop up after it has been selected. To order office waste reduction posters, State agencies should complete the

online form located on the CIWMB's State Agency Waste Management website at [www.ciwmb.ca.gov/StateAgency/Recycling/Supplies/OrderPoster.htm](http://www.ciwmb.ca.gov/StateAgency/Recycling/Supplies/OrderPoster.htm).



**CIWMB office waste reduction poster**

**Booth display**—A creative and colorful booth display can help promote State agency office waste reduction programs at no charge. State agencies can borrow a display and set it up to meet their individual needs. To individualize a display booth, a variety of promotional materials are available from which to choose. The display materials adhere to the display booth.

Display booth materials include:

#### **Banners:**

*Help Your Program Score When You Recycle*

*Take Your Best Shot—Be a Member of the Recycling Team*

*Sponsored by the California Integrated Waste Management Board*

***Continued on page 4***

***Team work, continued from page 3***

**Recycling Promotional Posters:**

*Take the Shot Recycle Now  
(bottles and cans)*

*Make it a Slam Dunk—Just Recycle  
Mixed Paper (mixed paper)*

*Score When You Recycle White  
Paper (white paper)*

*Flatten the Competition  
(cardboard)*

An example of a booth display is shown below:



***CIWMB booth display***

To borrow a booth display, contact a CIWMB State and Local Assistance representative by calling (916) 341-6275, or go to [www.ciwmb.ca.gov/StateAgency/contacts.htm](http://www.ciwmb.ca.gov/StateAgency/contacts.htm) for a list of contact names, phone numbers, and e-mail addresses.

For additional materials to help promote office waste reduction, see [www.ciwmb.ca.gov/StateAgency/Links.htm](http://www.ciwmb.ca.gov/StateAgency/Links.htm). This page has links to several web pages offering tips, guidance, program kick-off memos, fact sheets, and other useful information.

**Training and assistance**

The CIWMB also assists State agencies in reducing the amount of waste they generate and dispose by helping them implement office waste reduction programs through training and assistance.

The CIWMB is available to provide the following support:

- Assisting State agencies and facilities in meeting solid waste reduction goals.
- Setting a good example of State leadership in conserving natural resources through waste prevention, recycling, and buying recycled products.
- Training and advising State employees and recycling coordinators.

Resources are limited due to the current budget situation, but promoting recycling at State agencies can help. For example, recycling can make an impact on the costs associated with daily operations. Examples of business and State agency office waste reduction efforts are below.

**Office waste reduction efforts at a business and a State agency**

**Weyerhaeuser**

**Communications Paper**

**Division** is the largest business forms manufacturer in the United States, manufacturing products for the home and office. A few times a year, the manufacturing company

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*Resources are limited due to the current budget situation, but promoting recycling at State agencies can help! Read on to find out how.*

### ***Team work, continued from page 4***

donates surplus equipment and materials to nonprofit organizations and schools.

In 2002, the manufacturing company diverted approximately 2,800 tons of material that would otherwise have ended up in landfills. Weyerhaeuser also saved an estimated \$500,000 by recycling paper and other recyclable materials in 2002. Weyerhaeuser received WRAP awards from the CIWMB in 1994 and from 1996 through 2003.

If you would like additional information to assist you in establishing a waste reduction program similar to Weyerhaeuser's, contact Piper Miguelgorry at (916) 341-6604 or [pmiguelg@ciwmb.ca.gov](mailto:pmiguelg@ciwmb.ca.gov).

In 1994, the **CIWMB** created *You Can Do It Too! Preventing Office Waste at the California Integrated Waste Management Board*, a detailed case study designed to assist various types of organizations and businesses in establishing office waste reduction programs. This study describes office waste reduction efforts undertaken at the CIWMB from February through October 1994. See [www.ciwmb.ca.gov/BizWaste/OfficePaper/CaseStud.htm](http://www.ciwmb.ca.gov/BizWaste/OfficePaper/CaseStud.htm) for examples of cost savings and waste reduction efforts implemented at the CIWMB.

In 2000, the CIWMB moved into the Cal/EPA Headquarters Building in downtown Sacramento. You can view a new fact sheet at [www.ciwmb.ca.gov/Publications/default.asp?pubid=1056](http://www.ciwmb.ca.gov/Publications/default.asp?pubid=1056) to see current waste reduction efforts at the CIWMB. If you have questions, contact Andrew Hurst at (916) 341-6657 or [ahurst@ciwmb.ca.gov](mailto:ahurst@ciwmb.ca.gov).

### **Contact information**

To access training and assistance information and materials, go to the Resources, Assistance, and Training web page at [www.ciwmb.ca.gov/StateAgency/Assistance/](http://www.ciwmb.ca.gov/StateAgency/Assistance/). Contact your CIWMB State and Local Assistance representative to see if someone can make a presentation at your facility.

Although the CIWMB budget is limited, we will do our best to help promote your program. Finally, SLAB staff is always available via telephone and e-mail to help develop promotional programs to assist in enhancing recycling at your facility.

Contact your SLAB representative at the CIWMB by calling (916) 341-6275, or go to [www.ciwmb.ca.gov/StateAgency/contacts.htm](http://www.ciwmb.ca.gov/StateAgency/contacts.htm) for a list of SLAB contact names, phone numbers, and e-mail addresses.



*Coming  
Soon—The  
2003 School  
District  
Waste  
Reduction  
Survey final  
report!*

## The 2003 School District Waste Reduction Survey Results

You may recall seeing a notice last December regarding the California Integrated Waste Management Board's 2003 School District Waste Reduction Survey Results.

Many local jurisdictions took this opportunity to connect and coordinate with their school districts to encourage them to complete the survey and offer local resources. Thanks to these efforts, the CIWMB was able to achieve a favorable survey response rate. A discussion item on the survey findings was presented at the April 2004 CIWMB meeting ([www.ciwmb.ca.gov/Agendas/](http://www.ciwmb.ca.gov/Agendas/)).

The 2003 School District Waste Reduction Survey final report will soon be available on the CIWMB's School Waste Management Education and Assistance website at [www.ciwmb.ca.gov/schools/WasteReduce/Survey/](http://www.ciwmb.ca.gov/schools/WasteReduce/Survey/). Additionally, a number of new data reports based on the survey results will also be available that will enable users to search for the following:

- Survey data by selected county and/or school district.
- Districts that reported implementing selected programs.
- School district contact information.

### Why was the survey conducted?

This survey was conducted to address the School Diversion and Environmental Education Law (DEEL), under Public Resources Code Section 42646 ([www.leginfo.ca.gov/cgi-bin/displaycode?section=prc&group=42001-43000&file=42645-42647](http://www.leginfo.ca.gov/cgi-bin/displaycode?section=prc&group=42001-43000&file=42645-42647)).

The School DEEL requires the CIWMB to determine the level of waste reduction programs being implemented in the State's schools. As a part of the School DEEL, if the CIWMB determined that less than 75 percent of schools have implemented a waste reduction program, the CIWMB must recommend to the Legislature those statutory changes needed to require schools to implement such programs.

To read the entire School DEEL, Chapter 926, Statutes of 2001 (Torlakson, SB 373), go to [www.leginfo.ca.gov/pub/01-02/bill/sen/sb\\_0351-0400/sb\\_373\\_bill\\_20011014\\_chaptered.html](http://www.leginfo.ca.gov/pub/01-02/bill/sen/sb_0351-0400/sb_373_bill_20011014_chaptered.html).

### What are the survey results?

The survey drew a 42 percent response rate, representing approximately 55 percent of all schools and student enrollment. This response rate, however, does not support a determination as to whether 75 percent of schools are participating in diversion programs. This is the result of schools not being mandated to participate in the survey process.

*Continued on next page*

## ***School district survey results, continued from page 6***

While it cannot be determined if 75 percent of all schools are participating in a waste diversion program by the 412 responding school districts, CIWMB staff will provide a number of short- and long-term recommendations that do not require statutory changes.

Some survey results you may find interesting:

- 92 percent of responding school districts appear to have some level of recycling programs.
- 62 percent indicated that they purchase some type of recycled-content products.
- 58 percent plan new building construction or renovation projects to begin within the next two years.

### **How is the CIWMB using the survey data collected?**

CIWMB staff uses the survey data collected to help coordinate the efforts of local jurisdictions and school districts to reduce solid waste generation at schools. The needs identified in the survey will help staff to continue to tailor the CIWMB's School Waste Management Education and Assistance program.

School district waste reduction programs can assist cities and counties (jurisdictions) in meeting the solid waste diversion requirements of the Integrated Waste Management Act and can help school districts minimize the expenditure of education dollars on solid waste collection and

disposal. Schools have continued to demonstrate that they can achieve greater economic and environmental performance through improved solid waste management programs.

By understanding which programs school districts are already implementing and identifying areas of need, CIWMB staff can continue to assist jurisdictions and school districts through the continued development and improvement of technical assistance tools and resources available on the CIWMB website ([www.ciwmb.ca.gov/schools/wastereduce](http://www.ciwmb.ca.gov/schools/wastereduce)).

### **Who do I contact to share information?**

As the CIWMB continues to develop and improve its School Waste Management Education and Assistance program, jurisdictions are encouraged to share information regarding successful school waste reduction programs at the city/county, school district, and school levels, including any valuable assistance tools.

We would also like to hear about specific challenges to implementing school district waste reduction programs, so please take the time to share any such experiences. To share or to request additional information, please contact Chris Kinsella at (916) 341-6274 or [ckinsella@ciwmb.ca.gov](mailto:ckinsella@ciwmb.ca.gov).

***Continued on page 8***

### ***School district survey results, continued from page 7***

#### **What's next?**

The 2003 School District Waste Reduction Survey data, the survey final report, and various data reports will be added to the CIWMB School Waste Management Education and Assistance website.

The CIWMB's School Profiles tool ([www.ciwmb.ca.gov/profiles/schools/](http://www.ciwmb.ca.gov/profiles/schools/)) will also be updated to reflect current

school district survey data and contact information. CIWMB staff will use the survey data to develop models to highlight effective school waste reduction programs at the local jurisdiction, school district, and school levels. CIWMB staff will also develop related assistance tools to meet the school waste management needs identified in the survey.

## **How can I find the Office of Local Assistance staff county contact for my jurisdiction?**

The California Integrated Waste Management Board's Office of Local Assistance (OLA) staff serves as the liaison between local governments and the CIWMB and its program areas, providing input for the development of CIWMB policies concerning local planning and implementation issues.

Periodically, a jurisdiction's OLA county contact may change. The CIWMB's Local Assistance Contacts

web page ([www.ciwmb.ca.gov/OLA/Contacts.asp](http://www.ciwmb.ca.gov/OLA/Contacts.asp)) provides up-to-date information on the OLA staff county contact for each jurisdiction in California. Some of the information you can expect to find is the name, phone number, fax number, and e-mail address of the contact.

If you have any questions, please contact your OLA staff county contact.

## **Waste Prevention Information Exchange**

The California Integrated Waste Management Board's Waste Prevention Information Exchange (WPIE) website ([www.ciwmb.ca.gov/WPIE/](http://www.ciwmb.ca.gov/WPIE/)) is a directory of resources for waste reduction, reuse, and recycling information and data. Users of WPIE, such as environmental organizations, businesses, governmental agencies, and private citizens, contribute much of the information and data.

Contributions of information are always welcome! If you know about waste prevention documents, websites, or resources of any type, or if you are unable to locate specific information on the WPIE website, please contact Don Van Dyke at [dvandyke@ciwmb.ca.gov](mailto:dvandyke@ciwmb.ca.gov) or (916) 341-6615.



## Zero Waste-You Make It Happen!

The California Integrated Waste Management Board (CIWMB) is committed to furthering the concept and efforts of Zero Waste. The CIWMB's Diversion, Planning and Local Assistance Division (DPLA) is requesting information regarding State agencies, large State facilities (State agency), and local governments' definition(s) of what it means to achieve zero waste. Additionally, DPLA is looking to learn about past, current, and planned programs dedicated to the concept of zero waste.

To help us understand what information your State agency or jurisdiction has developed in this area, please e-mail Local Government Central ([lgcentral@ciwmb.ca.gov](mailto:lgcentral@ciwmb.ca.gov)) by June 18, 2004. In addition, please include in your e-mail information regarding efforts in your area by other State agencies or jurisdictions, or any other public or private entity.

DPLA will review the information received and may include the information in a section of the CIWMB Local Government Central website.

If you have any questions about this project, please contact Steve SoRelle at (916) 341-6254. In addition, stay tuned for zero waste articles in future editions of *infoCycling*.

Thanks for sharing your information!

## Editor's note

I hope you found this edition of *infoCycling* informative and interesting. Look for upcoming articles on the benefits to jurisdictions of establishing a new base year and on State agency diversion rates.

Please contact me with suggestions on articles you would like to see included in *infoCycling* and announcements of events in your jurisdiction or at your State agency. You can reach me at (916) 341-6240 or at [twebb@ciwmb.ca.gov](mailto:twebb@ciwmb.ca.gov).